

LOCATION AWARE AUTOMATA

ABSTRACT OF THE DISCLOSURE

An automaton configured to perform a task comprises a communication interface to communicate positional information with one or more anchor points provided within a given environment. The positional information enables generation of mapping information of the given environment. A motor provides the automation with mobility. A memory stores the mapping information. A controller controls the motor to enable the automaton to perform the task in the given environment using a first task route that has been generated using the mapping information.

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